

REMARKS

The Office Action of October 17, 2005 has been carefully considered. In response thereto, the claims have been amended as set forth above. Reconsideration and allowance in view of the foregoing amendments and the following remarks is respectfully requested.

The claims were rejected or objected to by reason of various informalities. These have been addressed in the present amendment.

The suggestion regarding the addition of headings is noted. As headings are suggested but explicitly not required, Applicant respectfully declines.

Claims 1-9 were rejected as being unpatentable over Molnar in view of Mouchavar. Claims 8 and 9 have been canceled. The remaining claims have been amended to more clearly distinguish over the cited references. Reconsideration is respectfully requested.

Mouchavar relates to a heart monitoring application in which an acceleration signal is twice integrated to produce a displacement signal. Mouchavar does not relate to a polyphase filter. It would not have been obvious in view of Mouchavar to place an integrator after each filter of Molnar. Moreover, it would not have been obvious to interconnect such intergrators in the manner now recited in claim 1 as amended.

Withdrawal of the rejections and allowance of claims 1-7 is respectfully requested.

Respectfully submitted,



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